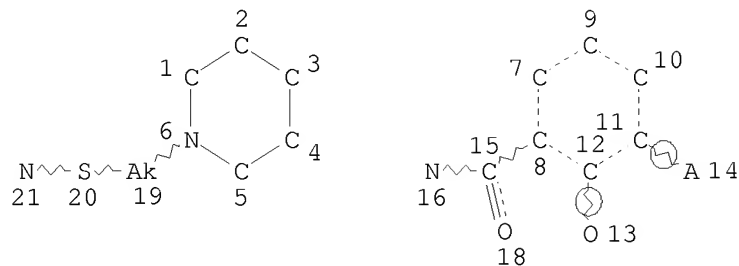


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NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
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STEREO ATTRIBUTES: NONE

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=> s 13

L4 2 L3

=> d bib abs 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:14393 CAPLUS

DN 142:113910

TI Preparation of aminosulfonyl substituted 4-(aminomethyl)-piperidine
benzamides as 5HT4-antagonists

IN Bosmans, Jean-Paul Rene Marie Andre; Gijssen, Henricus Jacobus Maria;
Mevellec, Laurence Anne

PA Janssen Pharmaceutica N.V., Belg.

SO PCT Int. Appl., 53 pp.

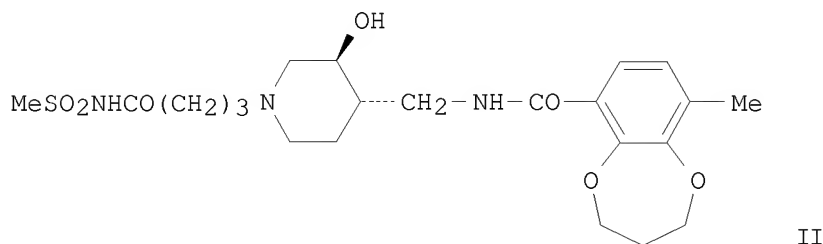
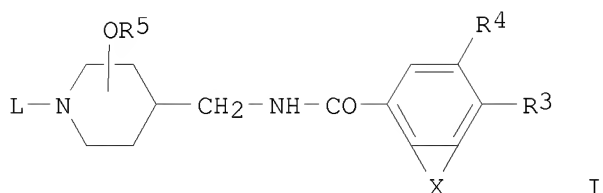
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005000837	A1	20050106	WO 2004-EP6280	20040610
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004251823	A1	20050106	AU 2004-251823	20040610
	CA 2526079	A1	20050106	CA 2004-2526079	20040610
	EP 1641783	A1	20060405	EP 2004-739781	20040610
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	JP 2007526875	T	20070920	JP 2006-515884	20040610
	US 20060142339	A1	20060629	US 2005-560300	20051212
PRAI	EP 2003-50238	A	20030619		
	WO 2003-EP50238	A	20030619		
	WO 2004-EP6280	W	20040610		
OS	MARPAT 142:113910				
GI					



AB Novel compds. of formula I [X = O(CH₂)_nO, O(CH₂)_n; n = 1-5; R₃ = H, halo, alkyl, alkoxy; R₄ = H, halo, alkyl, alkoxy, cyanoalkyl, CN, (substituted) amino; R₅ = H, alkyl; L = (substituted) aminosulfonylalkyl, alkylsulfonylaminocarbonylalkyl, etc.] are prepared which have 5HT₄-antagonistic properties. The invention further relates to methods for preparing such compds., pharmaceutical compns. comprising said compds. as well as the use as a medicine of said compds. Thus, II was prepared, and had 5HT₄ antagonism activity with pIC₅₀ of 7.92, and was 5% metabolized after 60 min in liver tissue.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2000:191083 CAPLUS

DN 132:237098

TI Preparation of dihydrobenzodioxine carboxamide and ketone derivatives as 5-HT₄ receptor antagonists

IN Clark, Robin Douglas; Jahangir, Alam

PA F. Hoffmann-La Roche A.-G., Switz.

SO PCT Int. Appl., 81 pp.

CODEN: PIXXD2

DT Patent

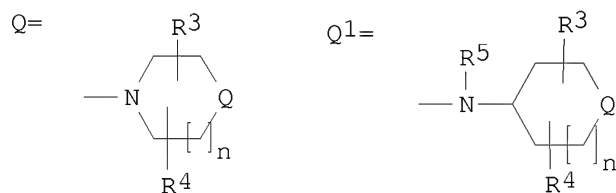
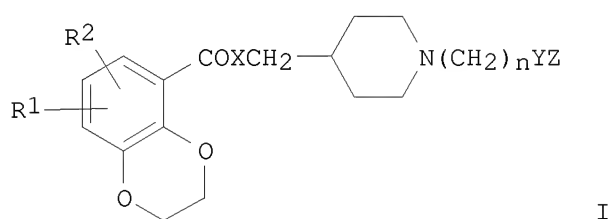
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000015636	A1	20000323	WO 1999-EP6402	19990901
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2340952	A1	20000323	CA 1999-2340952	19990901
AU 9958572	A	20000403	AU 1999-58572	19990901
AU 758807	B2	20030327		
BR 9913542	A	20010605	BR 1999-13542	19990901
EP 1112270	A1	20010704	EP 1999-946076	19990901
EP 1112270	B1	20070321		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, CY

TR 200100698	T2	20010723	TR 2001-698	19990901
JP 2002524561	T	20020806	JP 2000-570174	19990901
JP 3366323	B2	20030114		
AT 357443	T	20070415	AT 1999-946076	19990901
ES 2283132	T3	20071016	ES 1999-946076	19990901
US 6172062	B1	20010109	US 1999-392195	19990902
MX 2001PA02237	A	20010528	MX 2001-PA2237	20010301
ZA 2001001833	A	20020605	ZA 2001-1833	20010305
PRAI US 1998-99740P	P	19980910		
US 1999-138468P	P	19990610		
WO 1999-EP6402	W	19990901		
OS MARPAT 132:237098				
GI				



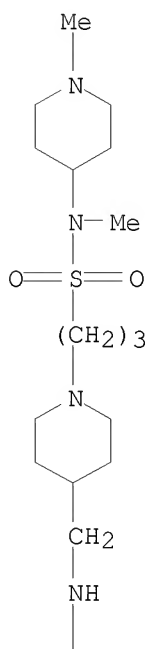
AB 5-HT4 receptor antagonist compds. I [Z = Q, Q1; R1, R2 = H, alkyl, alkoxy, halo, amino, OH; X = NH, CH2; m = 2-4; Y = SO2; R3, R4, R5 = H, alkyl; Q = O, S, NR6, CR7R8; n = 1, 2] were prepared E.g., 2,3-dihydrobenzo[1,4]dioxin-5-carboxylic acid (1-{3-[(4-fluorophenyl)piperazine-1-sulfonyl]propyl}piperidin-4-ylmethyl)amide was prepared

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

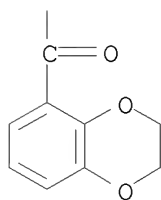
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L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
IT 261766-95-4P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dihydrobenzodioxine carboxamide and ketone derivs. as 5-HT4 receptor antagonists)
RN 261766-95-4 CAPLUS
CN 1,4-Benzodioxin-5-carboxamide, 2,3-dihydro-N-[[1-[3-[[methyl(1-methyl-4-piperidinyl)amino]sulfonyl]propyl]-4-piperidinyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



● HCl